Attorney Docket No.: 00P9128US

IN THE CLAIMS:

This listing of the claims will replace all prior versions and listings of the claims in the application:

1.   (Currently Amended) A method for frequency selection in a frequency hopping cordless telephone system employing a predetermined frame length, comprising:

identifying active slots in [[said]] a frame; and

determining a duration of carrier usage based on durations of said active slots.

2.   (Original) A method in accordance with claim 1, said predetermined frame length comprising ten milliseconds.

3.   (Original) A method in accordance with claim 2, said slots comprising transmit and receive slots each having duration 833 microseconds.

4.   (Original) A method in accordance with claim 3, further comprising limiting a use of a particular carrier to less than 400 milliseconds every thirty seconds.

5.   (Currently Amended) A system for frequency selection in a frequency hopping cordless telephone system employing a predetermined frame length, comprising:

means for identifying active slots in [[said]] a frame; and

means for determining a duration of carrier usage based on durations of said active slots.

6.   (Original) A system in accordance with claim 5, said predetermined frame length comprising ten milliseconds.

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7.   (Original) A system in accordance with claim 6, said slots comprising transmit and receive slots each having duration 833 microseconds.

8.   (Original) A system in accordance with claim 7, further comprising limiting a use of a particular carrier to less than 400 milliseconds every thirty seconds.

9.   (Currently Amended) A device for frequency selection in a frequency hopping cordless telephone employing a predetermined frame length, comprising:
    a slot monitoring module adapted to identify active slots in [[said]] a frame; and
    a frequency selection module adapted to determine a duration of carrier usage based on durations of said active slots.

10.   (Original) A device in accordance with claim 9, said predetermined frame length comprising ten milliseconds.

11.   (Original) A device in accordance with claim 10, said slots comprising transmit and receive slots each having duration 833 microseconds.

12.   (New) A method for frequency selection in a frequency hopping cordless telephone system employing a predetermined frame length, comprising:
    identifying a number of active slots in a frame; and
    determining a duration of carrier usage based on total durations of said number of active slots.

13.   (New) A method in accordance with claim 12, said predetermined frame length comprising ten milliseconds.

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14.   (New) A method in accordance with claim 13, said slots comprising transmit and receive slots each having duration 833 microseconds.

15.   (New) A method in accordance with claim 14, further comprising limiting a use of a particular carrier to less than 400 milliseconds every thirty seconds.

16.   (New) A cordless telephone system, comprising:
        a fixed station including a frequency select module and a slot monitor; and
        a mobile station;
        wherein the fixed station and the mobile station communicate according to a frequency hopping scheme with frequencies chosen by said frequency select module with input from said slot monitor module, said slot monitor module providing said frequency select module with a count of a number of active slots being sent per frame.

17.   (New) A cordless telephone system in accordance with claim 16, wherein a frame length of said frame comprises about ten milliseconds.

18.   (New) A cordless telephone system in accordance with claim 17, said slots comprising transmit and receive slots each having duration 833 microseconds.

19.   (New) A cordless telephone system in accordance with claim 18, further comprising limiting a use of a particular carrier to less than 400 milliseconds every thirty seconds.